

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2458-02 (US)APPLICATION NUMBER
10/816.543LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Marek Matusz et alFILING DATE
April 1, 2004GROUP ART UNIT
1725

1755

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
AA 3,972,829	8/76	Michalko	252	430	
AB 4,005,049	1/77	Fields	252	467	
AC 4,908,343	3/90	Bhasin	502	218	
AD 4,797,270	1/89	Cendan et al	423	625	
AE 4,361,504	11/82	Solomon et al	252	463	
AF 4,366,092	12/82	Winterton	252	476	
AG 4,367,167	1/83	Lee et al	252	472	
AH 4,810,689	3/89	Hayden	502	347	
AI 4,186,106	1/80	Rebsdat et al	252	414	
AJ 4,125,480	11/78	Maxwell	252	414	
AK 4,886,917	12/89	Knopf et al	568	623	

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes No
AL 96/23585	8/96	WO	B01J	23/66	
AM 96/41848	12/96	WO	C10G	45/08	
AN 56164013	1980	Japan (Abstract)	C01F	7/02	
AO 56105750	8/81	Japan (Abstract)	B01J	23/66	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	International Search Report of PCT/US2004/14088 dated August 11, 2004 (TH2458 PCT).
AS	Written Opinion of PCT/US2004/14088 (TH2458 PCT) 8/11/04
AT	International Preliminary Report on Patentability of PCT/US2004/14088 (TH2458 PCT), 8/11/05

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AMW	BA	5.057.481	10/91	Bhasin	502	208	
	BB	2.901.441	8/59	Waterman	262	463	
	BC	5.734.068	3/98	Klopries et al	549	536	
	BD	5.668.077	9/97	Klopries et al	502	347	
	BE	4.874.739	10/89	Boxhoorn	502	218	
	BF	4.916.243	4/90	Bhasin et al	549	534	
	BG	5.387.751	2/95	Hayden et al	549	534	
	BH	5.447.897	9/95	Kemp	502	303	
	BI	5.486.628	1/96	Kemp	549	536	
	BJ	5.545.603	8/96	Kemp	502	347	
AMW	BK	5.663.385	9/97	Kemp	549	536	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
AMW	BL	211521 A1	2/87	EP	B01J	23/66		
	BM	0937498 A1	8/99	EP	B01J	23/66		
	BN	563 414 A1	10/93	EP	B01J	23/52		
AMW	BO	568.978 A1	11/93	EP	G01C	19/56		

OTHER DOCUMENTS (INCLUDING AUTHORITY, TITLE, DATE, PERTINENT PAGES, ETC.)

AMW	BR	International Search Report of PCT/US2004/14087 dated September 23, 2004 (TH2306 PCT).
AMW	BS	Written Opinion of PCT/US2004/14087 (TH2306 PCT). 9/23/04
AMW	BT	International Preliminary Report on Patentability of PCT/US2004/14087 (TH2306 PCT). 10/28/05

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
allw	CA	5,055,442	10/91	Osaka et al	502	439	
	CB	5,037,794	8/91	Magistro	502	355	
	CC	4,994,588	2/91	Kapicak et al	549	534	
	CD	4,994,589	2/91	Notermann	549	534	
	CE	5,112,795	5/92	Minahan et al	502	324	
	CF	5,380,697	1/95	Matusz et al	502	348	
	CG	4,797,279	1/89	Karamata et al	424	93	
	CH	5,374,748	12/94	Rizkalla	549	534	
	CI	4,361,500	11/82	Mathe et al	252	430	
	CJ	3,895,093	07/75	Weidenbach et al	423	213.5	
allw	CK	4,235,798	11/80	Bartley et al.	460	449	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
allw	CL	2,005,978	10/69	France (abstract) A	G08C	13/02		
	CM	716,884 A2	06/96	EP	B01J	23/66		
	CN	1,277,698 A2	01/03	EP	C01B	3/38		
allw	CO	2004/101144	11/04	WO	B01J	23/50		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

allw	CR	Fulton, J. W., "Selecting the Catalyst Configuration", Chemical Engineering, May 12, 1986, p. 97-101.
allw	CS	International Search Report of PCT/US2005/010996 dated July 29, 2005 (TH2541 PCT).
allw	CT	Written Opinion of PCT/US2005/010996 (TH2541 PCT). 7/29/05

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Considered to extent of abstract

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
CMA	DA	4,244,889	01/81	Bartley et al.	564	132	
	DB	4,356,312	10/82	Nieslen et al.	549	534	
	DC	4,368,144	01/83	Mitsuhata et al.	252	463	
	DD	4,379,134	04/83	Weber et al.	423	626	
	DE	4,420,420	12/83	Mita et al.	502	261	
	DF	4,628,129	12/86	Bartley	568	864	
	DG	4,665,048	05/87	Van Leeuwen et al.	502	221	
	DH	5,935,894	08/99	Kanazirev	502	341	
	DI	6,103,916	08/00	Takada et al	549	534	
	DJ	6,281,160	08/01	Basset et al	502	332	
WV	DK	4,361,503	11/82	Dwyer et al.	252	455	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	DL							
	DM							
	DN							
	DO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CMA	DR	International Search Report of PCT/US2005/033758 dated June 12, 2006 (TH2466 PCT).						
CMA	DS	Written Opinion of PCT/US2005/033758 (TH2466 PCT). 6/12/06						
CMA	DT	W.J. Beek, K.M.K. Muttzall: Transport Phenomena". 1975, J. Wiley & Sons. XP009060252, pages 98-120. NO MONTA						

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>ajw</i>	EA	2,424,083	07/47	Finch et al.	252	884	
	EB	4,382,149	05/83	Krueger	568	473	
	EC	3,997,476	12/76	Cull	252	463	
	ED	4,532,231	7/85	Johnson	502	347	
	EE	4,511,671	4/85	Saito et al	502	242	
	EF	4,645,754	2/87	Tamura et al	502	527	
	EG	4,656,157	4/87	Hofmann et al	502	439	
	EH	2002/0010378	1/02	Kakimoto et al	568	867	
	EI	4,366,093	12/82	Shiozaki et al	252	477	
	EJ	6,325,919	12/01	Koyama et al	208	134	
<i>ajw</i>	EK	5,100,859	3/92	Gerdes et al	502	439	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	EL							
	EM							
	EN							
	EO							

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	ES	
	ET	

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allw	FA	4.033.903	7/77	Maxwell	292	476	
	FB	6.631.890	10/03	Lau	261	94	
	FC	5.626.455	5/97	Keller et al	414	288	
	FD	5.588.986	12/96	Davis et al	95	211	
allw	FE	2004/0225138	11/04	McAllister et al	549	523	
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	FL							
	FM							
	FN							
	FO							

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	FR	
	FS	
	FT	

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